Logos Engineering
P.O. Box 350
Manchester, Kentucky 40962

Don R. Roberts
Professional Engineer

Office (606) 598-6746
Fax (606) 598-1544

May 29, 2007

Ms. Sara Beard
KPDES Branch
Division of Water
Frankfort Office Park
14 Reilly Road
Frankfort, KY 40601

RE: Nally & Hamilton Enterprises, Inc.
DNR Permit #807-8056, AM 01 and AM 02
KPDES #KY0042765

Dear Sara:

Enclosed you will find revised and/or additional pages for "KPDES FORM C" for Amendment No. 01 and Amendment No. 02 concerning the above referenced permit. Also, "KPDES FORM 1" previously submitted contains the same information that applies to both Amendment No. 01 and Amendment No. 02, with the exception of the location map. A new map has now been provided for "KPDES FORM 1".

If you should have any questions, please contact our office.

Sincerely,

Brenda Sester
Brenda Sester
Logos Engineering

BS/

Enclosures

807-8056, AM 01 and 02

APPALACHIAN STATES ANALYTICAL, L.L.C.

PO Box 520
Shelbiana, KY 41562

Nally & Hamilton Ent.Inc.
PO.Box 207
Brookside, KY 40810

ATTN: Mike Minton

Date Received 10/20/09
Date Reported 10/30/09
Order Number 2009-09822

TEST DESCRIPTION	RESULT	UNITS	METHOD	MDL	DATE	TECH
Fraction	2009-09822001					
Sample I.D	#1-PS (807-8056 AM-01)		Whipple Tipple			
Date Sampled	10/20/2009					
BOD, 5-day	<3	mg/l	SM 5210B	3	10/21/2009	TV
Chemical Oxygen Demand	8	mg/l	Hach 8000	4	10/23/2009	TV
Total Organic Carbon	1.46	mg/l	SM 5310C	0.05	10/21/2009	SM
Cadmium, Total	<0.0002	mg/l	SM 3113 B	0.0002	10/21/2009	SJ
Copper, Total	<0.001	mg/l	SM 3113 B	0.001	10/28/2009	SJ
Silver, Total	0.001	mg/l	SM 3113 B	0.001	10/24/2009	SJ
pH, Field	7.6	std	SM 4500 H+ -B		10/20/2009	CLT
Specific Conductance, Field	1118	umhos/cm			10/20/2009	CLT
Flow	0.72	mgd			10/20/2009	CLT
Temperature	13.9	C	SM 2550 B	0.4	10/20/2009	CLT

* May not be within monthly permit requirements.

Submitted By:

Shawn Hagan

KPDES FORM C

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility: Nally & Hamilton Enterprises, Inc. Wilder Br.	County: Bell							
I. OUTFALL LOCATION	AGENCY USE							

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
See Attachment							

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
A	Surface Mining	35.37	None Proposed	I - U
B	Surface Mining	30.41	None Proposed	I - U
C	Surface Mining	36.69	None Proposed	I - U
D	Surface Mining	18.24	None Proposed	I - U
E	Surface Mining	53.12	None Proposed	I - U
F	Surface Mining	24.95	None Proposed	I - U
G	Surface Mining	76.25	None Proposed	I - U
I-PS	Surface Mining	175.02	None Proposed	I - U
H	Surface Mining	144.26	None Proposed	I - U

KPDES FORM C

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility: Nally & Hamilton Enterprises, Inc. Wilder Br.	County: Bell
I. OUTFALL LOCATION	AGENCY USE

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
See Attachment							

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
I	Surface Mining	29.50	None Proposed	I - U
J	Surface Mining	24.88	None Proposed	I - U
K	Surface Mining	23.87	None Proposed	I - U
L	Surface Mining	30.13	None Proposed	I - U
M	Surface Mining	28.97	None Proposed	I - U
N	Surface Mining	20.69	None Proposed	I - U
O	Surface Mining	34.95	None Proposed	I - U
P	Surface Mining	13.67	None Proposed	I - U

Nally & Hamilton Enterprises, Inc.

DNR Permit No. 807-8056 AM 01 and AM 02

I (Continued)

Outfall Locations

Pond	Latitude	Longitude	Receiving Water
A	36° 45' 3.59"	83° 33' 31.98"	Cumberland River
B	36° 44' 47.76"	83° 33' 37.24"	Hen Wilder Branch
C	36° 44' 44.12"	83° 33' 30.08"	Hen Wilder Branch
D	36° 44' 34.11"	83° 33' 22.20"	Hen Wilder Branch
E	36° 44' 29.84"	83° 33' 25.55"	Hen Wilder Branch
F	36° 44' 29.80"	83° 33' 33.14"	Hen Wilder Branch
G	36° 44' 53.21"	83° 33' 37.22"	Hen Wilder Branch
H	36°44'57.2"	83°33'43.7"	Hen Wilder Branch
I-PS	36° 44'38.92"	83° 33' 22.42"	Hen Wilder Branch
I	36°44'46.9"	83°33'39.3"	Hen Wilder Branch
J	36°44'39.4"	83°33'39.5"	Hen Wilder Branch
K	36°44'40.7"	83°33'49.3"	Hen Wilder Branch
L	36°44'51.7"	83°33'53.9"	Hen Wilder Branch
M	36°44'54.1"	83°33'55.9"	Hen Wilder Branch
N	36°45'0.11"	83°33'58.6"	Hen Wilder Branch
O	36°45'5.0"	83°33'47.7"	Hen Wilder Branch
P	36°45'4.0"	83°33'36.5"	Hen Wilder Branch

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (Continued)

C. Except for storm water runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☒ Yes (Complete the following table.) ☐ No (Go to Section III.)

OUTFALL NUMBER (list)	OPERATIONS CONTRIBUTING FLOW (list)	FREQUENCY		FLOW				
		Days Per Week (specify average)	Months Per Year (specify average)	Flow Rate (in mgd)		Total volume (specify with units)		Duration (in days)
				Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	
A	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
B	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
C	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
D	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
E	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
F	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
G	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
I-PS	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
H	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
I	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
J	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
K	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
L	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
M	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
N	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
O	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown
P	Surface Mining	7	8	<0.1	<0.1	<0.1	<0.1	Unknown

III. MAXIMUM PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ Yes (Complete Item III-B) List effluent guideline category:

☐ No (Go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measures of operation)?

☐ Yes (Complete Item III-C) ☒ No (Go to Section IV)

C. If you answered "Yes" to Item III-B, list the quantity which represents the actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

MAXIMUM QUANTITY			Affected Outfalls (list outfall numbers)
Quantity Per Day	Units of Measure	Operation, Product, Material, Etc. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any federal, state or local authority to meet any implementation schedule for the construction, upgrading, or operation of wastewater equipment or practices or any other environmental programs which may affect the

ATTACHMENT 31.3.C 807-8056, AM 02

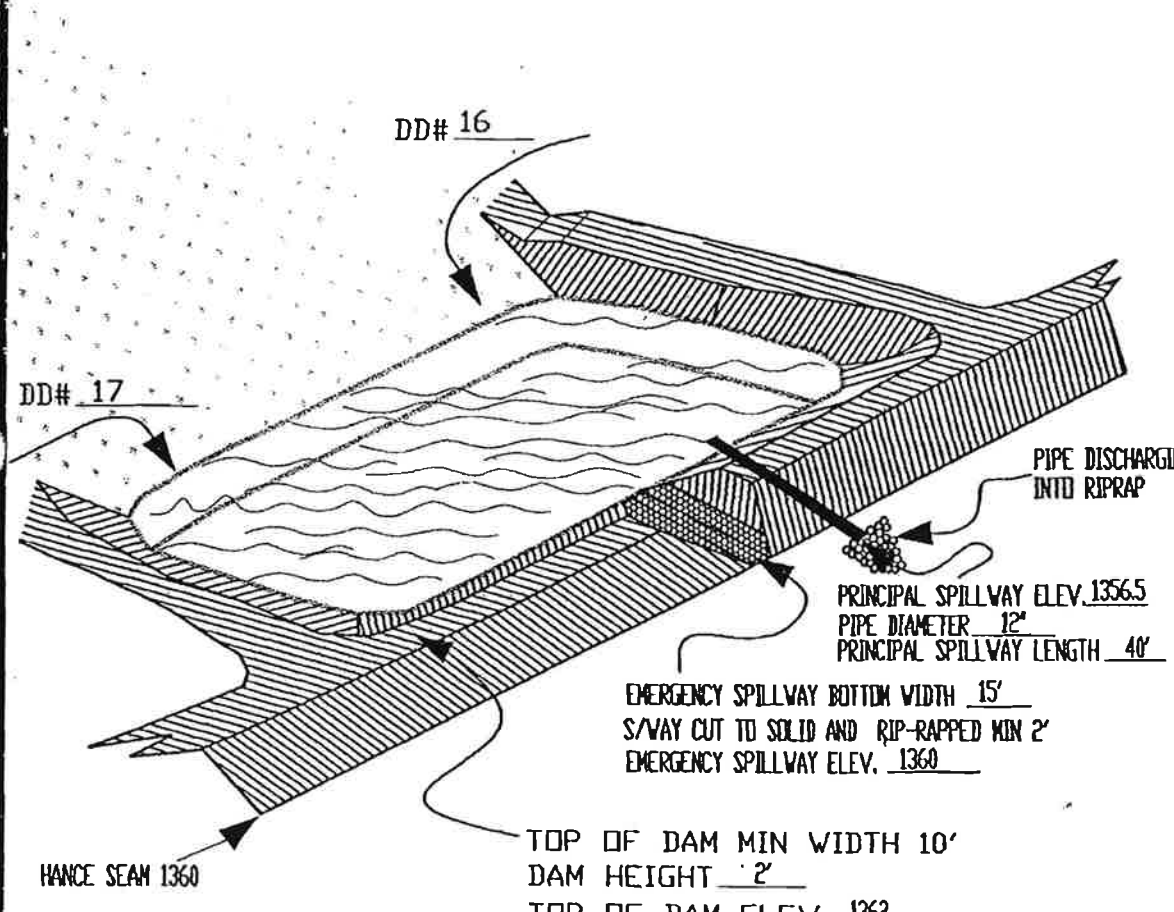
SILT STRUCTURE # I

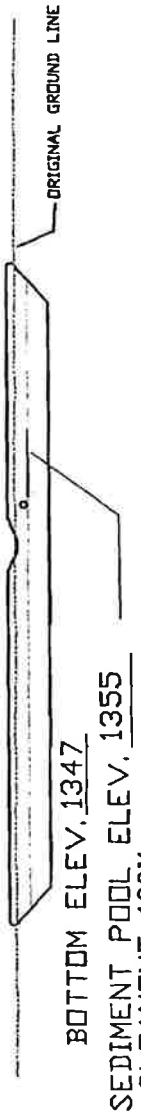
NOT TO SCALE

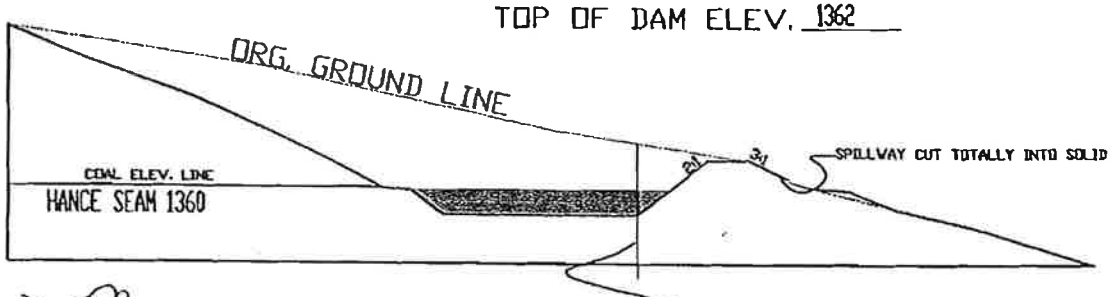
DUG OUT

POND DIMENSIONS

BOTTOM WIDTH	22'
TOP WIDTH	82'
BOTTOM LENGTH	135'
TOP LENGTH	165'
POND DEPTH	15'
POND SIDE SLOPES	WIDTH 2:1, LENGTH 1:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"



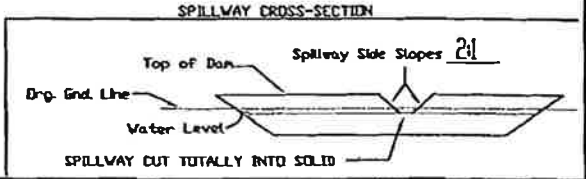




BERM LIMIT

I, [signature] (signature) 12575 (registration no.) 04/11/07 (date) hereby certify, in accordance with 405 KAR 7:040E, Section 10, that this document is correct as determined by accepted engineering practices and includes all the information required of it by KRS Chapter 350 and KAR Title 405. (Affix engineer's seal)

SPILLWAY CROSS-SECTION



ATTACHMENT 31.3.D 807-80 56, AM 02

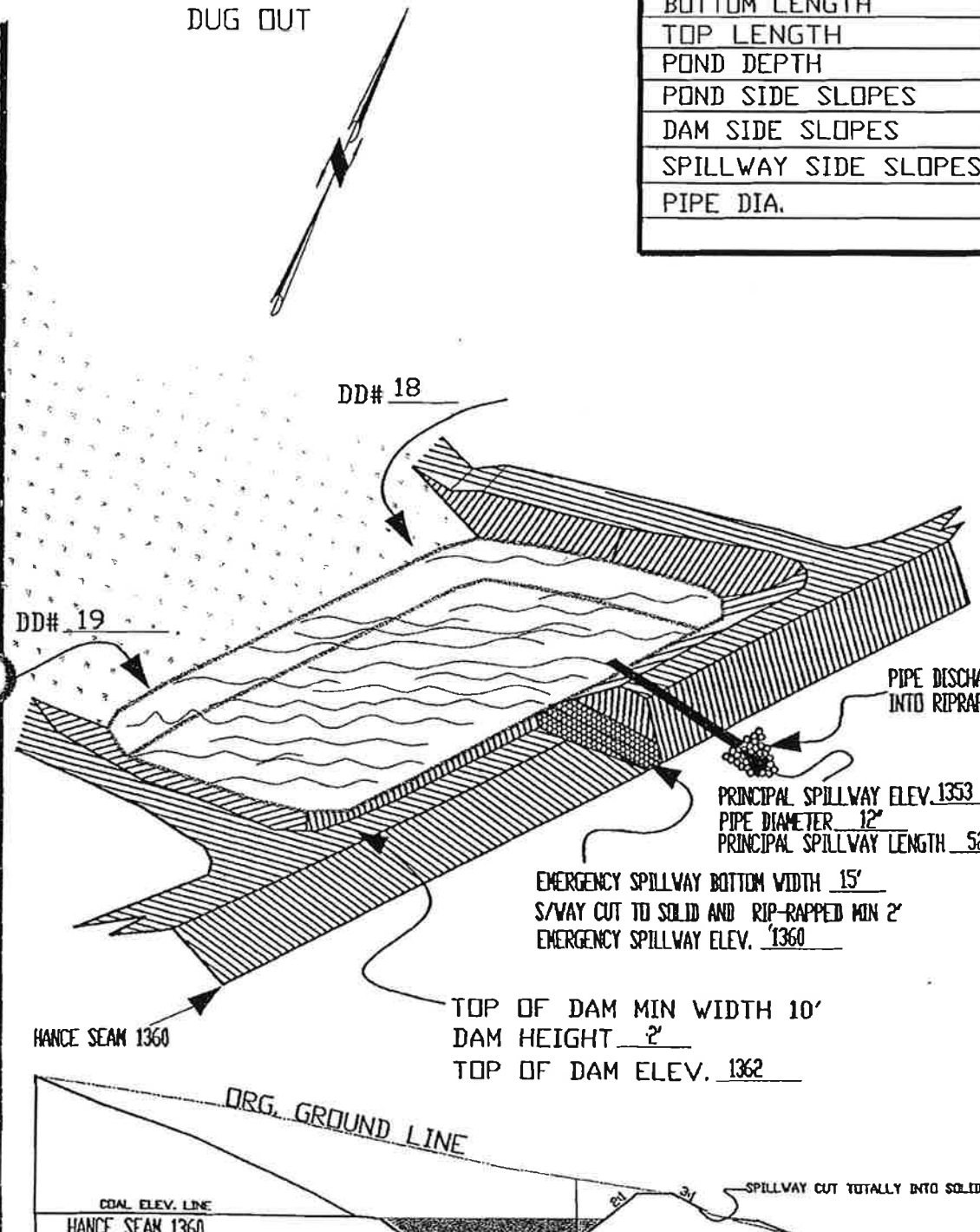
SILT STRUCTURE # J

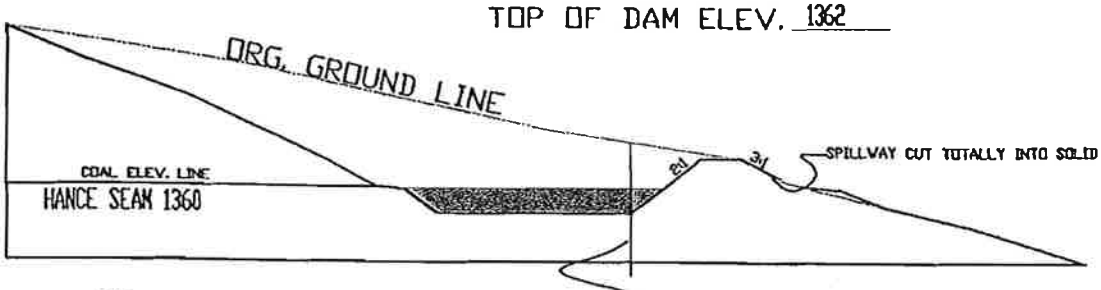
NOT TO SCALE

DUG OUT

POND DIMENSIONS

BOTTOM WIDTH	22'
TOP WIDTH	82'
BOTTOM LENGTH	135'
TOP LENGTH	165'
POND DEPTH	15'
POND SIDE SLOPES	WIDTH 2:1, LENGTH 1:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"

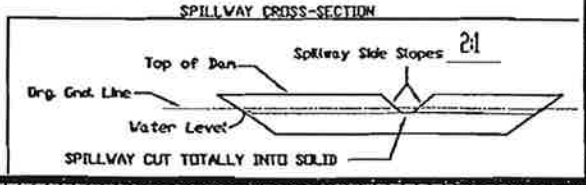




BERM LIMIT

I, (signature) 12575 (registration no) 04/11/07 (date) hereby certify, in accordance with 405 KAR 7040E, Section 10, that this document is correct as determined by accepted engineering practices and includes all the information required of it by KRS Chapter 350 and KAR Title 405. (Affix engineer's seal)

SPILLWAY CROSS-SECTION



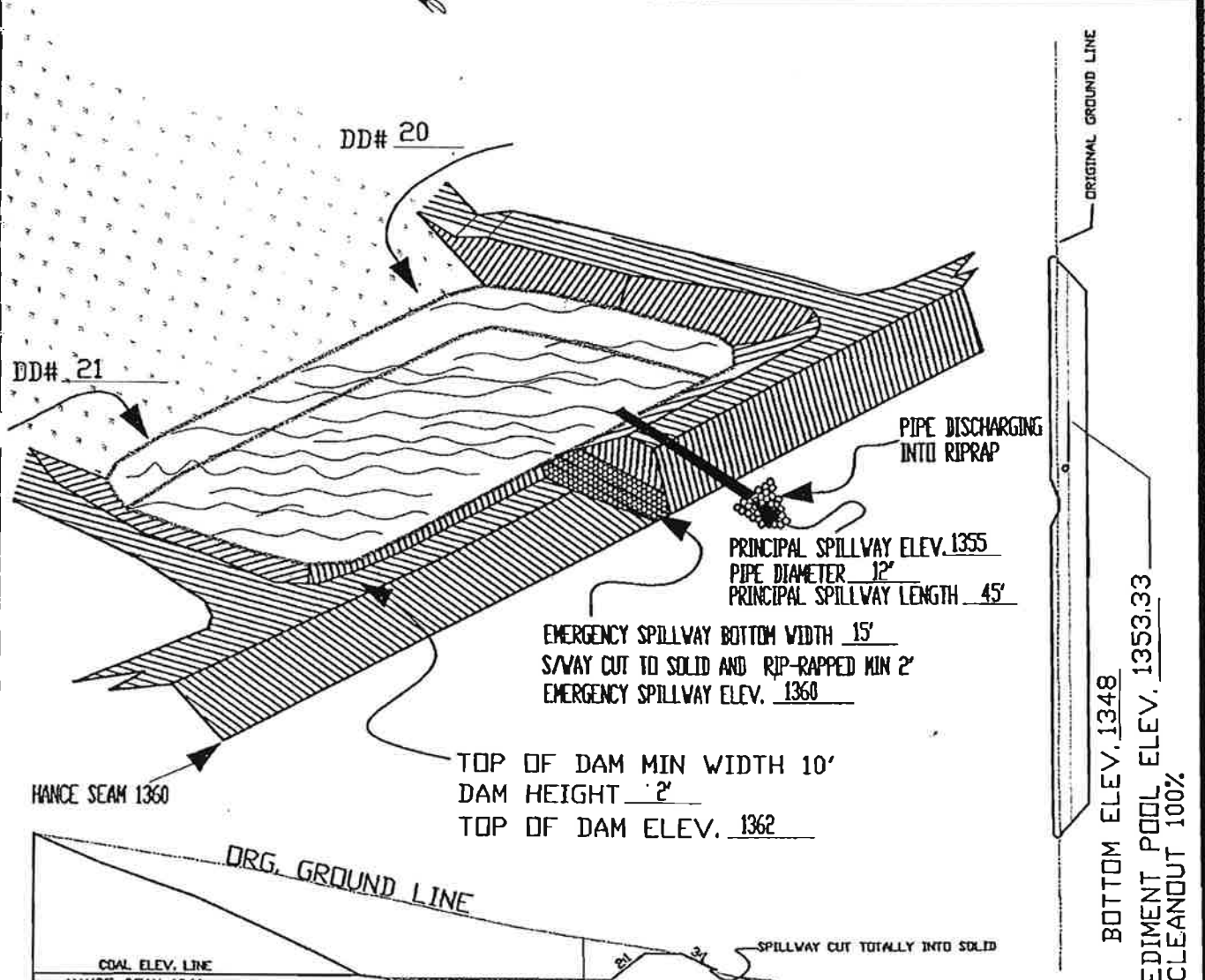
ATTACHMENT 31.3.E 807-8056, AM 02

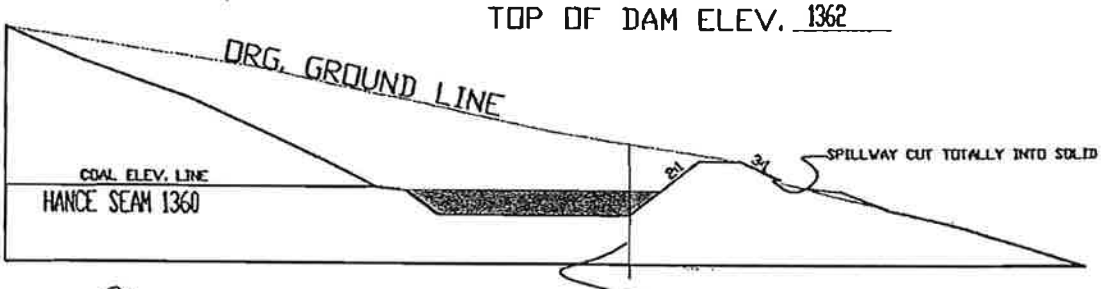
SILT STRUCTURE # K

NOT TO SCALE

DUG OUT

POND DIMENSIONS	
BOTTOM WIDTH	22'
TOP WIDTH	78'
BOTTOM LENGTH	135'
TOP LENGTH	163'
POND DEPTH	14'
POND SIDE SLOPES	WIDTH 2:1, LENGTH 1:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"





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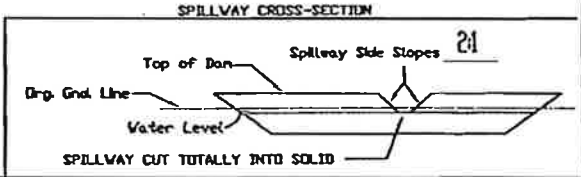
SPILLWAY CROSS-SECTION



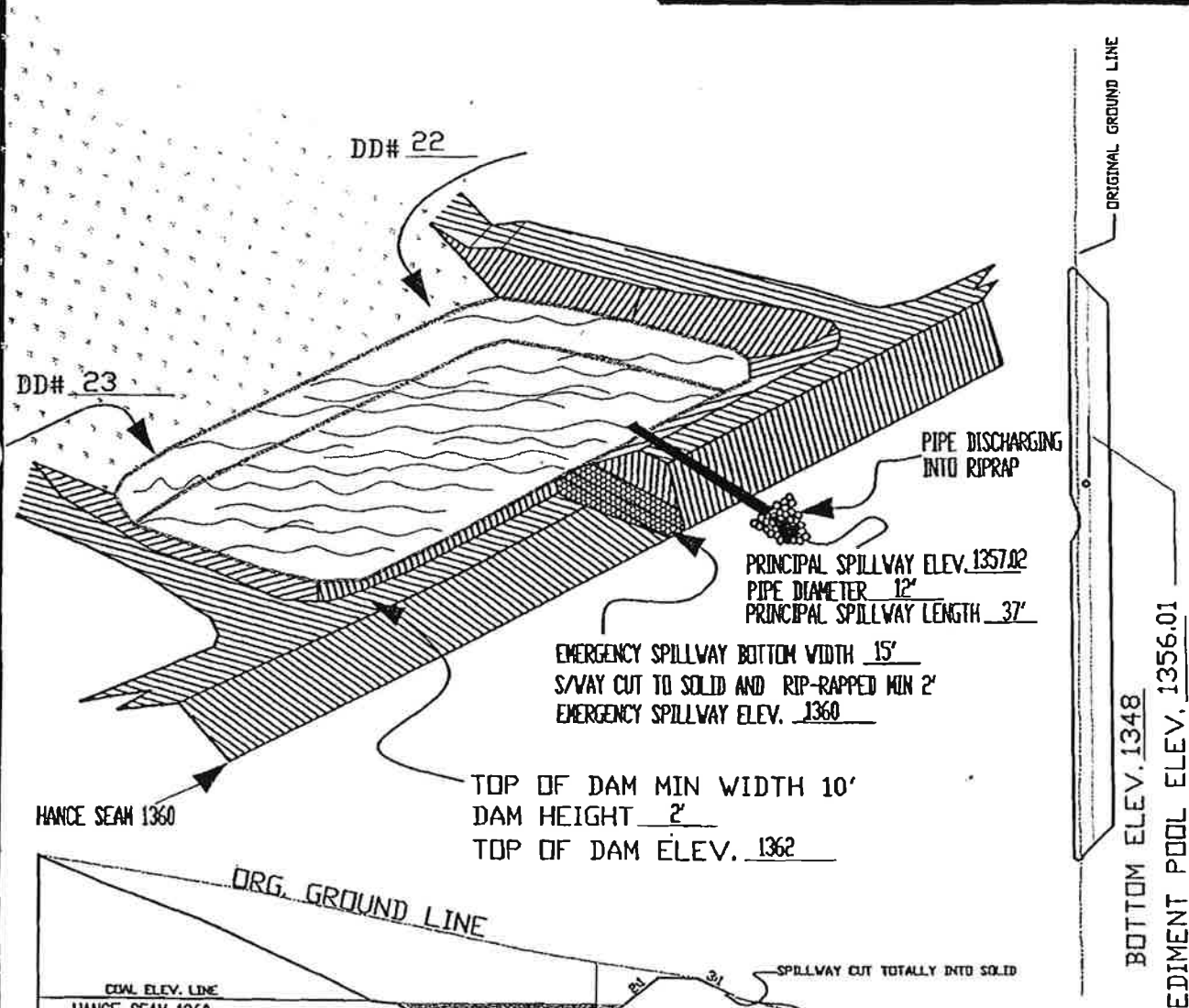
ATTACHMENT 31.3.F 807-8056, AM 02

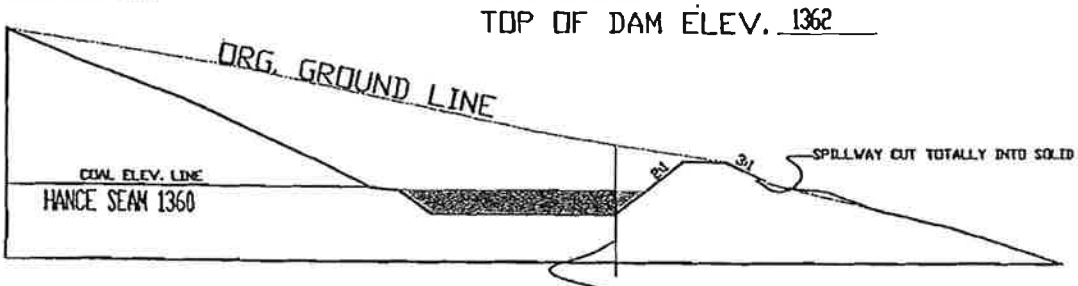
SILT STRUCTURE # L

NOT TO SCALE

DUG OUT

POND DIMENSIONS	
BOTTOM WIDTH	22'
TOP WIDTH	86'
BOTTOM LENGTH	135'
TOP LENGTH	167'
POND DEPTH	14'
POND SIDE SLOPES	WIDTH 2:1, LENGTH 1:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"





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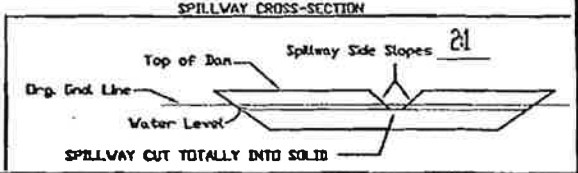
SPILLWAY CROSS-SECTION



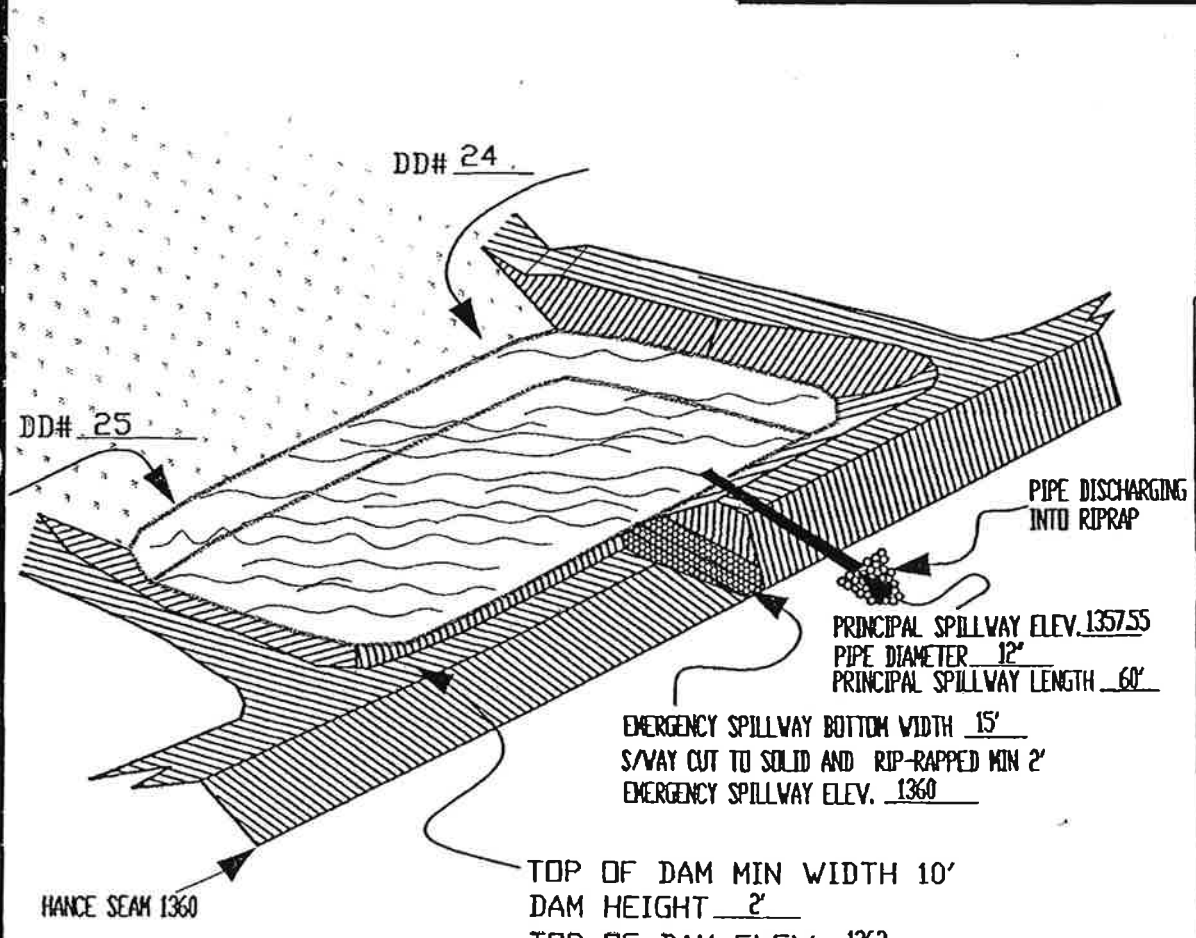
ATTACHMENT 31.3.G 807-8056, AM 02

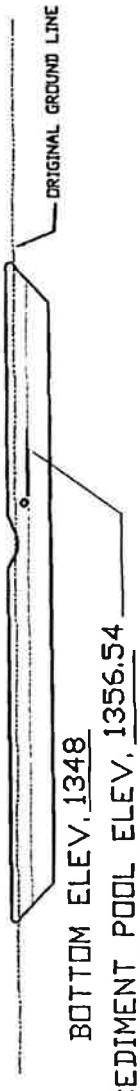
SILT STRUCTURE # M

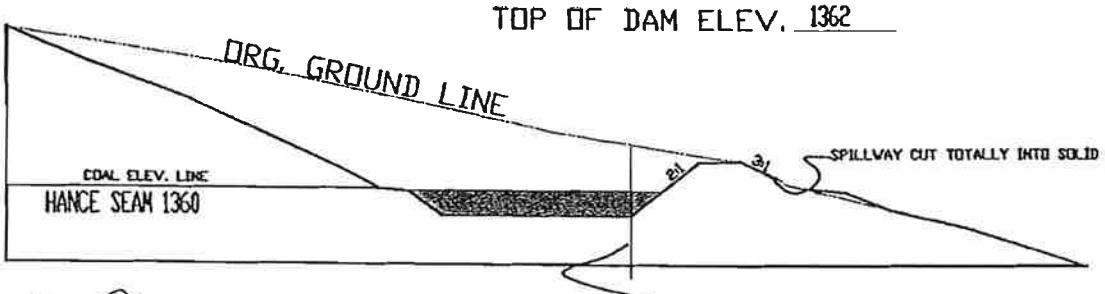
NOT TO SCALE

DUG OUT

POND DIMENSIONS	
BOTTOM WIDTH	22'
TOP WIDTH	70'
BOTTOM LENGTH	135'
TOP LENGTH	183'
POND DEPTH	14'
POND SIDE SLOPES	2:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"







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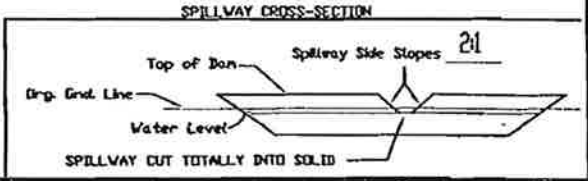
SPILLWAY CROSS-SECTION



ATTACHMENT 31.3.H 807-8056, AM 02

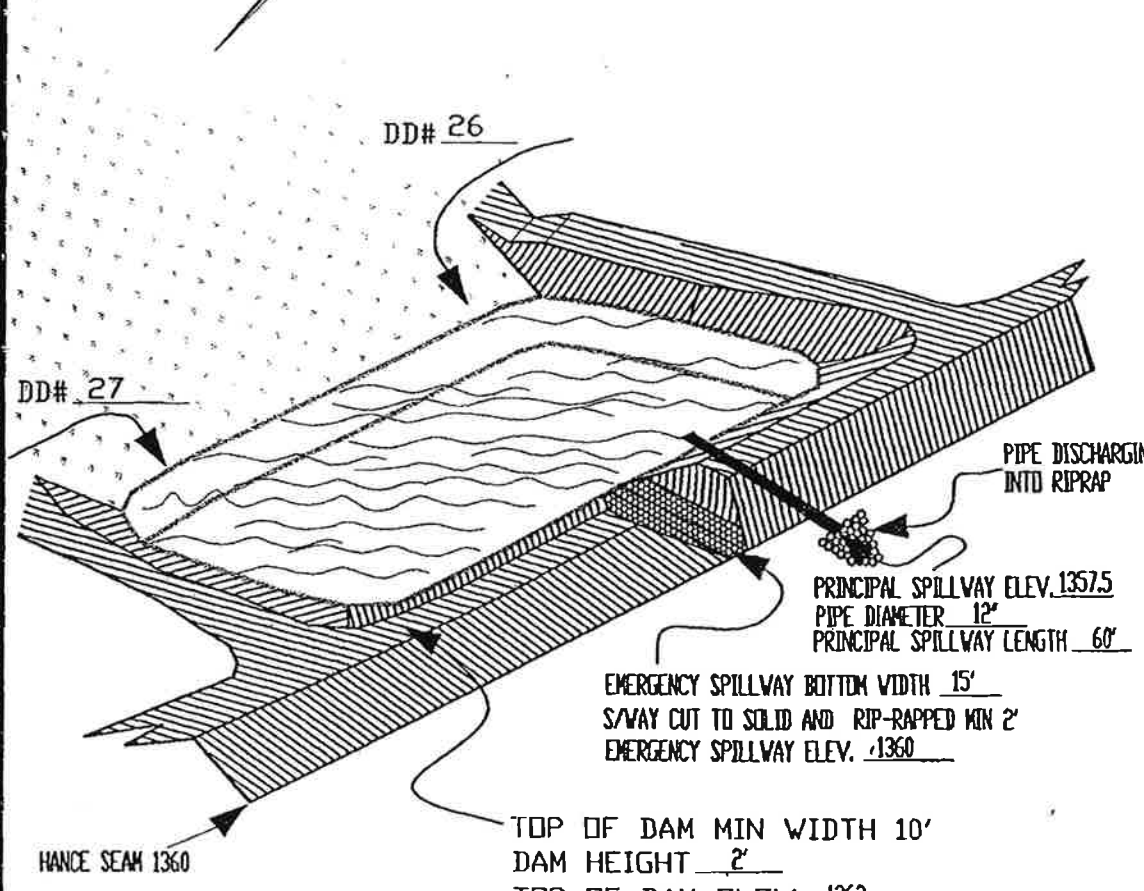
SILT STRUCTURE # N

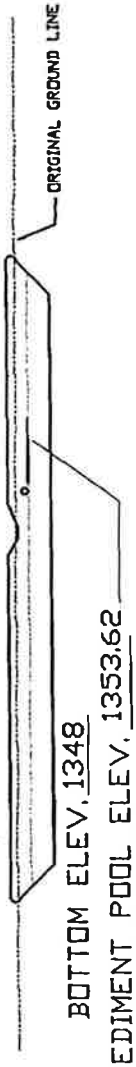
NOT TO SCALE

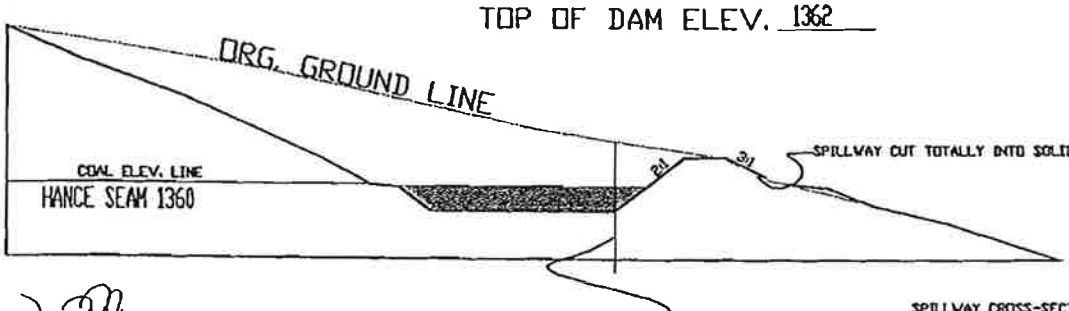
DUG OUT

POND DIMENSIONS

BOTTOM WIDTH	22'
TOP WIDTH	70'
BOTTOM LENGTH	135'
TOP LENGTH	183'
POND DEPTH	14'
POND SIDE SLOPES	2:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"

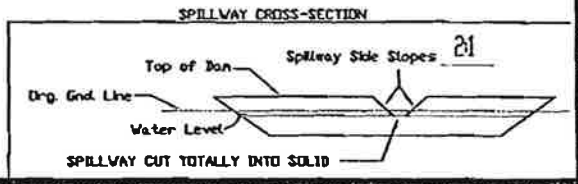






I, _____ 12575 04/11/07
(signature) (registration no.) (date)

hereby certify, in accordance with 405 KAR 7:040E, Section 10, that this document is correct as determined by accepted engineering practices and includes all the information required of it by KRS Chapter 350 and KAR Title 405. (Affix engineer's seal)



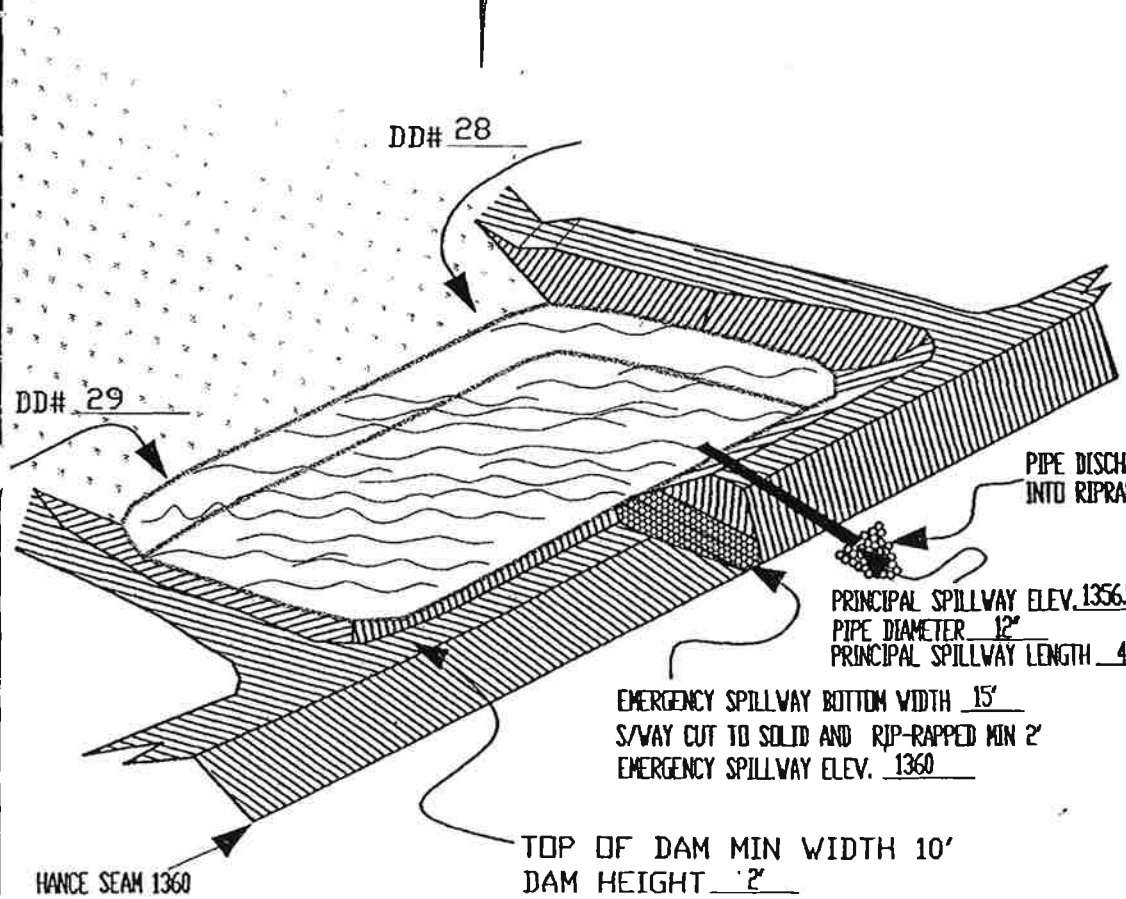
ATTACHMENT 31.3.I 807-8056, AM 02

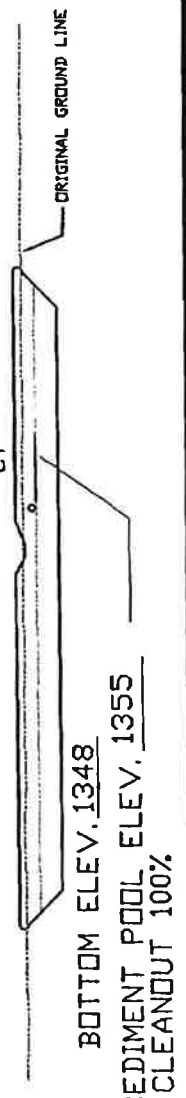
SILT STRUCTURE # 0

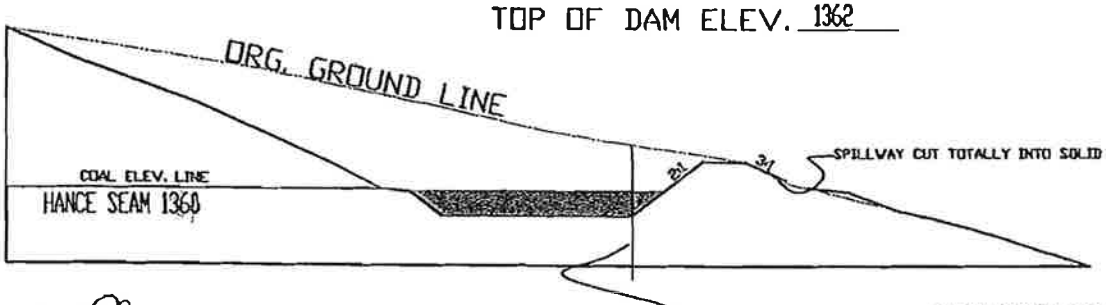
NOT TO SCALE

DUG OUT

POND DIMENSIONS	
BOTTOM WIDTH	35'
TOP WIDTH	91'
BOTTOM LENGTH	150'
TOP LENGTH	178'
POND DEPTH	14'
POND SIDE SLOPES	WIDTH 2:1, LENGTH 1:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"

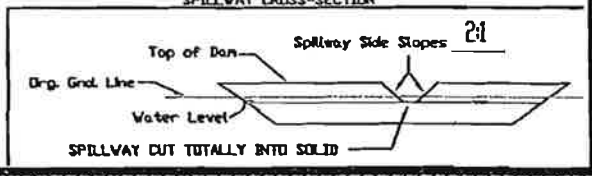






I, (signature) 12575 (registration no.) 04/11/07 (date) hereby certify, in accordance with 405 KAR 7:040E, Section 10, that this document is correct as determined by accepted engineering practices and includes all the information required of it by KRS Chapter 350 and KAR Title 405. (Affix engineer's seal)

SPILLWAY CROSS-SECTION



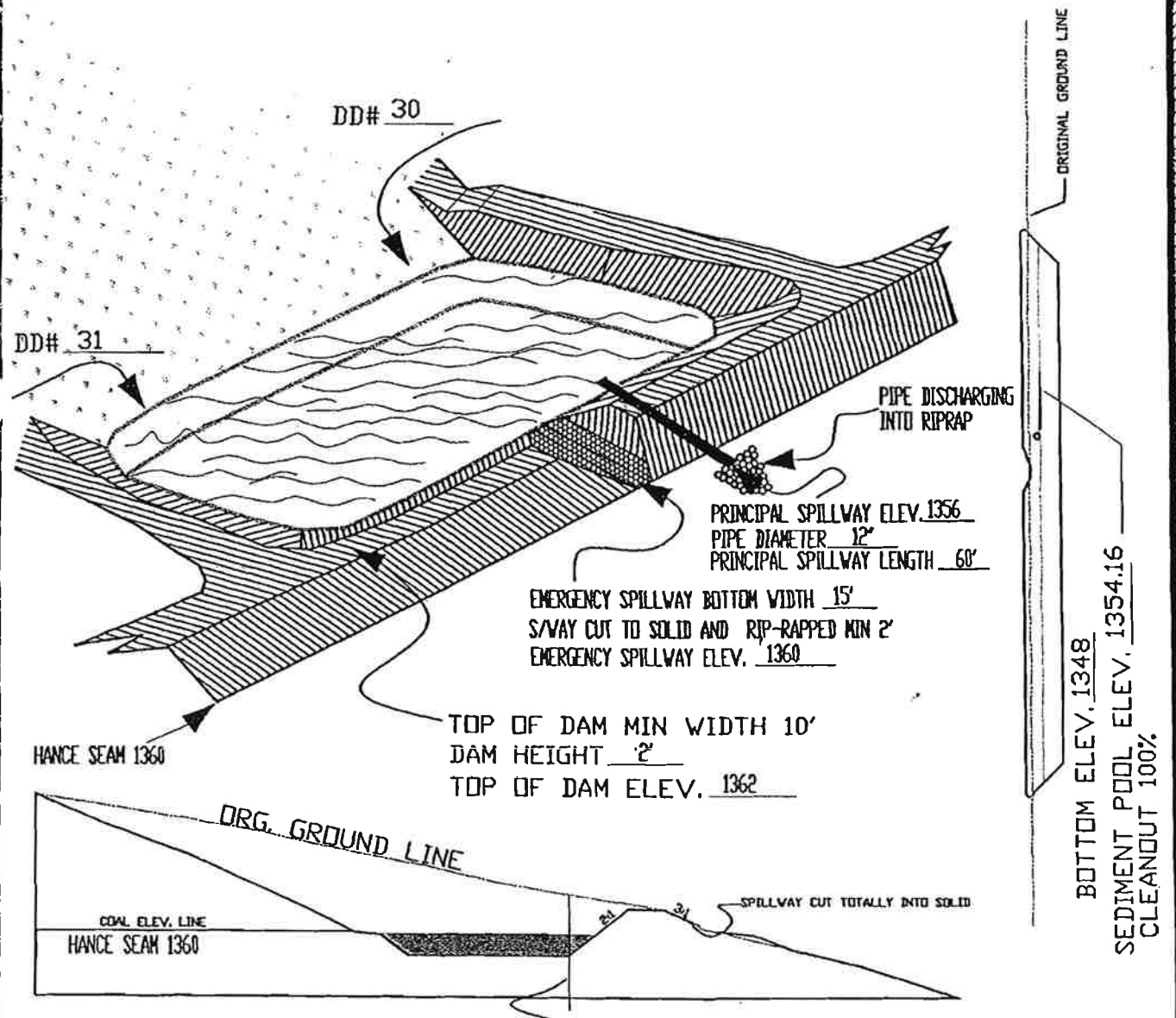
ATTACHMENT 31.3.J 807-8056, AM 02

SILT STRUCTURE # P

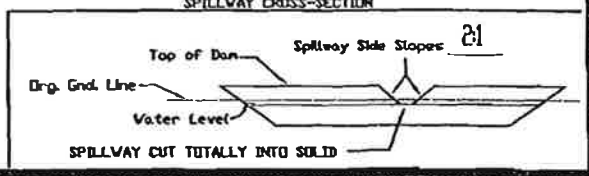
NOT TO SCALE

DUG OUT

POND DIMENSIONS	
BOTTOM WIDTH	22'
TOP WIDTH	78'
BOTTOM LENGTH	135'
TOP LENGTH	163'
POND DEPTH	14'
POND SIDE SLOPES	WIDTH 2:1, LENGTH 1:1
DAM SIDE SLOPES	2:1
SPILLWAY SIDE SLOPES	2:1
PIPE DIA.	12"



SPILLWAY CROSS-SECTION



(Signature) 12575 (registration no.) 04/11/07 (date)

I hereby certify, in accordance with 405 KAR 7040E, Section 10, that this document is correct as determined by accepted engineering practices and includes all the information required of it by KRS Chapter 350 and KAR Title 405. (Affix engineer's seal)